DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Paper Published in Conference by Faculty

Academic Year 2014-2015

1. Bharathi Raja N and **Gangatharan N**., "An Efficient Reduction Complexity Approach for Multicarrier OFDM Systems", Proceedings of the Second International Conference on Contemporary Challenges in Engineering and Management-'ICCCEM-2K15', Chennai, April 2015.

2. Raja C and **Gangatharan N.,** "Incorporating Phase Information for Efficient Glaucoma Diagnoses through Hyper-analytic Wavelet Transform", Proceedings of the Fourth International Conference on Soft Computing for Problem Solving Advances in Intelligent Systems and Computing, Vol 336, pp.329-343, December 2014.

3. Muthumanickam S., Arun C, Manoj Kumar V R., Ritesh Kumar Sharma and Rahul Sharma., "Non-Blind Watermarking of Colour Images in DWT- SVD Domain and Robustness to Various Attacks" Proceedings of the Second International Conference on Trends in Technology for Convergence - TITCON'15, Salem, April 2015.

4. Muthumanickam S., **Arun C.,** Manoj Kumar V R., Ritesh Kumar Sharma and Rahul Sharma., "Semi-Blind Watermarking of Colour Images in DWT- SVD Domain & Robustness to Various Attacks", Proceedings of the Second International conference "VLSI Computation, Networking, Drives and System Design, Madurai, March 2015.

5. Baskar S and **Arun C.**, "A Study of Tuberculosis, Computed Tomography Imaging Segmentation and Automatic Screening of Tuberculosis", Proceedings of the International Conference on Engineering Technology and Science (ICETS'15), Rasipuram, March 2015.

6. Shyamala Devi M and **Arun C.**, "Scrupulous Variable Chunking (SVC) De-Duplication for Space Optimization in Private Cloud Storage Backup", Proceedings of the International Conference on Engineering Technology and Science (ICETS'15), Rasipuram, March 2015.

7. Narayanan M and **Arun C**., **"**Super Peer Selection Algorithm for Peer-to-Peer Live Streaming Networks using Gossip Protocol and Firefly Algorithm", Proceedings of the International Conference on Science Technology Engineering and Management(ICONSTEM 2015), Chennai**,** March 2015**.**

8. Narayanan M and **Arun C**., "To Manage Traffic in P2P Live Streaming using Adaptive Routing Scheduling over Video-On Demand Service", Proceedings of the International Conference onElectrical, Electronics And Computer Engineering - ICEECE ' 15, Tiruchengode, March 2015.

9. Jayaram K and **Arun C**., "MDC FFT/IFFT Processor for OFDM Systems", Proceedings of the International Conference on Recent Trends in Electrical, Electronics, Computing and Communication, Chennai, December 2014.

10. Narayanan M and **Arun C**., "An Efficient Technique for Video Content Managing in Peer - to- Peer Computing using Multilevel Cache and Bandwidth Based Cluster", Proceedings of the International Conference on Signal Propagation and Computer Technology (ICSPCT), pp.317-322, July 2014.

11. **Padmavathy T.,** Arunprakash T V and Avinash S, "Design a U-slotted Microstrip Antenna for Indoor and Outdoor Wireless LAN", Proceeding of International Conference on Information, Computation and Communications (ICIC2 – 2015), Kalaignar Karunanidhi Institute of Technology, Coimbatore, India, March 2015.

12. **Padmavathy T V** and Chitra S M, "An Overall Performance of Game Theory in Wireless Sensor Networks", Proceedings of International Conference on Recent Advancements in the Frontiers of Science and Humanities, Magna College of Engineering, Chennai, October 2014.

13. **Praveena N G**., Sreelatha T., SivaPrasad Lebaka and Indumathy T., "Early Detection of Skin Cancer using Thermal Images with Hough Transformation", Proceedings of the Second International Conference on Sensing, Signal Processing and Security Organized by St. Peter's College of Engineering and Technology, May 2015.

14. Dr.Arun C., **Muthumanickam S** and Manoj Kumar V R., "A Novel Semi-Blind Watermark Extraction Algorithm", Proceedings of the International Conference on Current Innovations in Engineering and Technology, May 2015.

15. **Muthumanickam S**., Arun C., Manoj Kumar V R., Ritesh Kumar Sharma and Rahul Sharma., "Effects of Scaling Factor for Non-Blind Watermarking of Colour Images in DWT-SVD Domain", Proceedings of the International Conference on Hi-tech Trends in Emerging Computational Technologies (ICECT 2015), April 2015.

16. Dhivya K., **Vijayakumari D** and Muralikannan K., "Wavelet Packet Tree Based Image Transmission Over MIMO Channel", Proceedings of the Fourth National Conference on Recent Advances in Engineering & Technology- RAET' 15, Chennai, April 2015.

17. **Vijayakumari D**., Dhivya K and Sandhiya G., "Terahertz Technology- A Race between Photons and Electrons", Proceedings of the International Conference on Recent Trends in Engineering Science and Management - ICRTESM-15, New Delhi, March 2015.

18. Dhivya K and **Vijayakumari D**., "High Efficient General Purpose Fast Motion Estimation Processors", Proceedings of the 6th National Conference on Internet of Things, Chennai, March 2015.

19. Yazhini D., Shruthi K and **Poovizhi S**., "Automatic Aircraft Recognition using Satellite Remote Sensing Images" proceedings of the National Conference on Technological Advancement in Networking and Communication, pp.22-26, April 2015.

20. **Sandhiya G,** "Low power - High Efficient Video Encoding For Image Quality Improvement in Battery-operated Surveillance camera" Fourth National Conference on Science, Technology and Management, on 27th April 2015,SMIT,Chennai.

21. **Sandhiya G.**, Rajkumar M., Pacha Shobarani and Anita C S., "Energy-Aware Video Encoding for Image Quality Improvement in Battery operated Surveillance Camera", Proceedings of on International conference on recent trends in engineering science and management (ICRTESM-15). New Delhi, March 2015.

22. **Aarthi K J Veronica**., Preethi M., Sivasankari J and Swathi K., "Improvement of the Reliability of Multipliers using Adaptive Hold Logic", Proceedings of the National Conference on, Trends and Innovations in Mechanical Engineering-TIME 2015, Chennai, April 2015.

23. **Nimitha N.,** Santhosh Kumar V., Steffin Franklin and Vignesh M., "Real-Time Health Monitoring System For Military Soldiers Using Zigbee With Wearable Sensors", Proceedings of the National Conference on Trends and Innovations in Mechanical Engineering, Chennai, April 2015.